

### REMARKS

Claims 12-15 are pending in the present application. Claims 12-15 have been allowed. Claims 1-11, 16, and 18-33, which were rejected under 35 U.S.C. § 112 and 35 U.S.C. § 103, have been cancelled by the above amendment without prejudice to or disclaimer of the subject matter contained therein; the rejections of these claims are therefore moot.

Several paragraphs of the specification containing chemical formulas (i.e., the paragraphs containing Table 1 on page 2, Table 2 on page 4, and the chemical scheme on page 12) have been amended due to the formulas being cut off at the right hand margin of the application. The paragraphs containing Table 1, Table 2, and the chemical scheme on page 12 have been deleted and new paragraphs containing Table 1, Table 2, and the chemical scheme on page 12 have been added to the application in order to correct the error. No new matter has been added, as is evident from the context of the information in the reaction schemes, including the presence of chemical names, and from PCT Publication No. WO 00/50626, which shows the full chemical formulas of the tables and reaction scheme.

The specification has also been amended to include appropriate references to the SEQ ID NOs from the Sequence Listing where those sequences are discussed in the specification.

Enclosed with this Amendment is an Information Disclosure Statement along with accompanying form PTO-1449 and a copy of the following document cited therein: Ludwig et al., "Rapid and Efficient Synthesis of Nucleoside 5'-Triphosphates and 2',3'-Cyclophosphorothioates Using 2-Chloro-4*H*-1,3,2-benzodioxaphosphorin-4-one", *J. Org. Chem.*, 1989, 54, 631-635. Consideration of the Information Disclosure Statement is requested.


Reexamination of the application and reconsideration of the rejections are respectfully requested in view of the above amendments and remarks.

As claims 12-15 have been allowed and no other claims remain in the application, Applicants believe this application is in condition for allowance. Therefore, a Notice to this

effect is respectfully solicited. If any questions remain, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,

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